
AT&T StarServer E Series: Product Profile

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System Overview

The AT&T StarServer E is a high-performance EISA-based computer system which features true symmetric multiprocessing (SMP) capabilities. Based on the Intel i486 chip running at 33MHz, the StarServer E is ideal as a UNIX system server in a client/server architecture or as a multiuser UNIX system.

Vendor

AT&T
1 Speedwell Avenue
Morristown, NJ 07960
(800) 247-1212

Price

Prices range from \$29,900 to \$50,900 for configured systems.

GSA Schedule

No.

Competition

IBM RS/6000

Table 1. Mass Storage Devices

Model	Seagate	Seagate	HP
Size	3½	5¼	5¼
Formatted Capacity (bytes)	200M	300M	600M
Interface/Controller	SCSI	SCSI	SCSI
Average Access Time (ms.)	15	20	17.5
Data Transfer Rate (M bytes/second)	33	33	33
Price	\$3,295	\$6,975	\$8,195

Note: A dash (—) in a column indicates that the information is unavailable from the vendor.

Characteristics

Specifications

A summary of system characteristics for the StarServer E series appears in the following table.

Characteristic	Model 3726
Min./Max. Memory (bytes)	8M-512M (per processor)
Expansion Increments (bytes)	8M/32M
Min./Max. Storage (bytes)	200M-1G
Number of Processors	1-4
Number of Terminals	128
Max. Number of Users	128
Date First Installed	July 1990
Central Processor & Memory	
Computer Type	32-bit
Processor Model	i486
Memory Type	ECC
FP Co-Processor	Weitek 4167
Cache Memory (bytes)	256K each
Performance Characteristics	
Multiprocessing Capability	
Symmetrical (Y/N)	Yes
MIPS	27-108
Proc. Clock Speed	33MHz
I/O Transfer Rate (bytes/ sec.)	33M
Purchase Price (basic config.)	\$29,000
Memory/Storage Included (bytes)	8M

Main Memory

The Main Store Controller/Arrays (MSCAs) provide the physical memory of the StarServer E System. Each MSCA contains a memory controller and its associated memory array. Between 8M and 128M bytes of memory is supported on each MSCA using industry standard 512K bytes by 40 and/or 2M bytes by 40 SIMMs. Both sizes can be intermixed within a given MSCA to support optimal configuration.

Processing Components

The 32-bit CPU is based on a 33MHz Intel i486 microprocessor with 8K bytes of internal cache. In addition to this cache, there is an external 256K-byte, 0 wait state, write-back cache.

Peripherals

Mass Storage

See Table 1 for specifications of mass storage devices.

Tape Drives

See Table 2 for specifications of tape devices.

Terminals/Workstations

The 3726 can be configured with up to 128 AT&T intelligent terminals or PCs.

Printers

Printers ranging from dot matrix models to high-speed, high-volume laser and line printers are available for the StarServer E Series.

Communications

Protocols Supported: TTY, BSC, SDLC, X.25, TCP/IP.

Table 2. Magnetic Tape Equipment

Model	Seagate	Wangtek
Type	SCSI	SCSI DAT
Tape Size (in.)	1/4	4mm
Capacity (M bytes)	320/525	1.3GB
Price	\$2,495	\$4,595

Note: A dash (—) in a column indicates that the information is unavailable from the vendor.

Network Applications Supported: SNA/LU6.2, BSC 2780/3780, OSI.

LANS Supported: 802.3 Ethernet, 802.3 Starlan, 802.5 token-ring.

Operating Environment

The 3726 has a 110/220-volt switchable power supply as a standard feature. It will meet non-U.S. requirements of U.S.-based, multinational companies.

Physical Specifications

Model	Height	Width	Depth	Weight
3726	30.0"	13.5"	31.5"	175 lb.

Software

Operating System

Features of UNIX System V Release 4.0 include EISA and SCSI support; conformance to IEEE p1003.1 (POSIX) and XPG3 (X/OPEN) standards; support for Sun's Virtual File System; support for the SunOS Virtual Memory Architecture; enhanced process scheduling; enhanced Streams support; enhanced networking capability; operations, administration and maintenance (OA&M); real-time support; and internationalization support.

In addition, the StarServer E will support AT&T MS-DOS 4.1 Release 2 under AT&T's Simultask 386 Version 3.0; X-Windows 3.0; OPEN LOOK GUI Release 2.0; OPEN LOOK Express Release 1.0; AT&T StarGROUP LAN Manager Server Version 3.4; and Novell NetWare/386 3.0.

Sample Configuration Pricing

Entry-Level System: Model 3726-002		
Description	Product ID	Price (\$)
CPU	i486 with 8MB	—
Main Memory	ECC memory	—
Console	—	—
I/O Ports	Console + 1	—
Disk Controller	EISA SCSI-HA	—
Disk Drive	200MB	—
Tape Controller	—	—
Tape Drive	320MB SCSI QIC & 3.5 floppy	—
Workstation Controller	—	—
Printer	—	—
Workstation Display	—	—
Total Hardware	—	\$29,000
Monthly Maintenance	One year warranty incl.	\$260
Operating System	UNIX System V R4	—
Languages	C Prog. Lang. Util. 5/4, Cobol/2, C++, LPI Fortran, ADW Cobol 1.1	—
DBMS	—	—
Total		\$29,000

Large System: Model 3726-003

Description	Product ID	Price (\$)
CPU	i486 with 16MB	\$39,900
Main Memory	16MB ECC memory	\$11,000
Console	—	—
I/O Ports	Console+1	—
Disk Controller	SCSI-HA	—
Disk Drive	600MB (2)	—
Tape Controller	—	—
Tape Drive	320MB SCSI QIC & 3.5 floppy	—
Workstation Controller	—	—
Printer	—	—
Workstation Display	—	—
Total Hardware	—	\$50,900
Monthly Maintenance	—	\$260
Operating System	UNIX System V R4 V2	—
Languages	C Prog. Lang. Util. 5/4, Cobol/2, C++, LPI Fortran, ADW Cobol 1.1	—
DBMS	—	—
Total		\$50,900

